

Abstract

An upper case (1) is connected to a lower case (2) in a hinge portion (3) so as to freely rotate. A plate shaped conductor (4) and a plate shaped conductor (5) are disposed along the surface of the case in the upper case (1).

5 A ground plate (6) is formed in a ground pattern of a circuit board disposed in the lower case (2). The plate shaped conductor (4) and the plate shaped conductor (5) are selected by a high frequency switch (14) and connected to one end of a feeding portion (15). The other end of the feeding portion (15) is connected to the ground plate (6) to form a dipole antenna.